

Work Order ID 100122-2

April-18-13 10:05:27 AM

ASAP

100122

Page 1

Item ID: 646.2910

Revision ID:

Item Name: Deflector

Start Date: 4/18/13

Required Date: 4/25/13

Reference:

Start Qty: 20.00

Req'd Qty: 20.00

20

20

Accept

N9000040100

Setup Start

NS1

Stop

NS2

Cust Item ID:

Customer:

Approvals:

Process Plan: MLS

Date: 13-04-18

Tooling:

Date:

Run Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

Draw Nbr

Revision Nbr

646.2910

2910

13-04-18

100

100

Mill Conv

Conventional Milling Machine

Memo

MILL AS PER DWG

0.00

0.00

OK 13/04/21

20

120

120

QC

Quality Control

QC2- Inspect parts off machine FAI/FAIB

0.00

Memo

0.00

OK 13/04/22

20

130

130

QC

Quality Control

QC8- Inspect parts - second check

0.00

Memo

0.00

20

OK 13-04-23

Work Order ID 100122

April-18-13 10:05:27 AM

100122

Page 2

Item ID: 646.2910

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Req'd Qty: 20.00

Reference:

Accept

N9000040100

Setup Start

NS1

Stop

NS2

Cust Item ID:

Customer:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run

Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

131

131

Hand Finish

Hand Finishing

Memo

CLEAN AND REMOVE ALL PART MARKING

0.00

0.00

20 26134-25

140

140

Outsource4

Outsource process - Anodize

Outsource process-Anodize per QSI017 4.1.10.1

0.00

Memo

Issue P/O: 19717
Black Anodize as per Dwg 646.3000

0.00

CL 13104/26 (20)

150

150

Packaging

Packaging

Receive & Inspect for Damage & Mat'l Certs

0.00

Memo

0.00

19310/24 (6)

Work Order ID 100122

April-18-13 10:05:27 AM

100122

Page 3

Item ID: 646.2910

Revision ID:

Item Name: Deflector

Start Date: 4/18/13 Start Qty: 20.00

Required Date: 4/25/13 Req'd Qty: 20.00

Reference:

Accept

N9000040100

Setup Start *NS1*

Stop *NS2*

Cust Item ID:

Customer:

20

20

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start *NR1*

QC:

Date:

SPC (Y/N):

Date:

Stop *NR2*

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

155

QC5- Inspect part completeness to step on W/O

0.00

155

QC

Quality Control

Memo

nla 6

0.00

160

Spray Painting per QSI005 4.2

0.00

160

SprayPaint

Spray Painting

Memo

PRIME AS PER DWG, SEE NOTE #2

0.00

PRIMER BATCH: 125452

CL 13/04/26

170

QC14- Inspect Spray Paint

0.00

170

QC

Quality Control

s acb

Memo

0.00

5 13/05/24

(X6)

Work Order ID 100122

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100122

Page 4

Item ID: 646.2910

Revision ID:

Item Name: Deflector

Start Date: 4/18/13 Start Qty: 20.00

Required Date: 4/25/13 Req'd Qty: 20.00

Reference:

Accept

N9000040100

Setup Start *NS1*

Stop *NS2*

Cust Item ID:

Customer:

20

20

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start *NR1*

QC:

Date:

SPC (Y/N):

Date:

Stop *NR2*

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

180

Identify as per dwg & Stock Location:

0.00

180

Packaging

Packaging

Memo

0.00

IDENTIFY AS PER APICAL MPP-120 BY STAMPING P# AND REV

M.P.D.

6#X

13/05/23

190

QC21- Final Inspection - Work Order Release

0.00

190

QC

Quality Control

Memo

0.00

13/5/27

13.05.24

Picklist Print

April-18-13 10:05:32 AM

Page 1

Work Order ID: 100122

Parent Item: 646.2910

Parent Item Name: Deflector

100122

646 2910

Start Date: 4/18/13

Required Date: 4/25/13

Start Qty: 20.00

Required Qty: 20.00

Comments: IPP REV:A NEW ISSUE 13-04-18 JLM VERIFIED BY:DD

| Component Item ID/ Item Name | Replacement Item ID | Mfg/ Purch | Bin Item | Primary Location | Last Location | Route Seq ID | Unit of Measure | Qty on Hand | Qty per Kit | Total Qty | Qty Issued | Date Issued | Status |
|---------------------------------------|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|----------------|-------------|--------------|---------------|----------------|--------|
| 646.2900E *646 2900F* Deflector | | Manufactured | No | | | | f | 144.0000 | | 75.78947 | | | |
| ** | | | | | | | | | | | | | |

Location

MAT036

92577

Loc Qty

144

144

Loc Code

79 on 13/04/22

APICAL
INDUSTRIES, INC.

ENGINEERING CHANGE NOTICE NO. 03694

SHEET 1 OF 1

DWG NO. 646.2900

REV: N/C

PREPARED
BY B. PETERS

DATE: 11/14/12

EFFECT ON DWG
☐ INC. ☒ UNINC.

DWG TITLE: DEFLECTOR

APPROVED BY: ENGR

[Signature]

MFG

[Signature]

QC

[Signature]

EFF: NEXT ORDER

TRANSACTION CODES (TC):
A-ADD C-CREATE
R-REVISE D-DELETE

REASON:

ADDED ALTERNATE MATERIAL.

ECR:

D-12-002

IS

1

PRIMARY MATERIAL: 7075-T6 ALUMINUM PER AMS-QQ-A-225/9.
ALTERNATE MATERIAL: 7075-T6511 ALUMINUM PER AMS-QQ-A-200/11.

SHEET 1, ZONE A2 IS:

100122 MLJ
1304-18

| F/N | TC | PART NUMBER | QTY | DESCRIPTION | MATERIAL | SPECIFICATION |
|---------------------|----|-------------|-----|--|---|--|
| DOCUMENTS EFFECTED: | | | | <input type="checkbox"/> RFMS <input type="checkbox"/> MDL <input type="checkbox"/> INSTALL INSTRU <input type="checkbox"/> ICA <input type="checkbox"/> BOM | CHANGE CATEGORY <input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> MINOR | DER REVIEW REQUIRED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |

100166

APICAL
INDUSTRIES, INC.

| | | | | |
|--|-------------------------|------------------------|-----------------------|---|
| ENGINEERING CHANGE NOTICE | | 03207 | SHEET 1 OF 1 | |
| DWG NO. 646.2900 | REV: N/C | PREPARED BY PB | DATE: 08/29/11 | EFFECT ON DWG <input type="checkbox"/> INC. <input checked="" type="checkbox"/> UNINC. |
| DWG TITLE: DEFLECTOR | | | | |
| APPROVED BY: | ENGR <i>[Signature]</i> | MFG <i>[Signature]</i> | QC <i>[Signature]</i> | EFF: CURRENT ORDER |
| REASON: ADDED ALTERNATE BASE MATERIAL | | | | |
| TRANSACTION CODES (TC): A-ADD C-CREATE R-REVISE D-DELETE | | | | |

SHEET 1, ZONE A2, NOTE 1 IS:

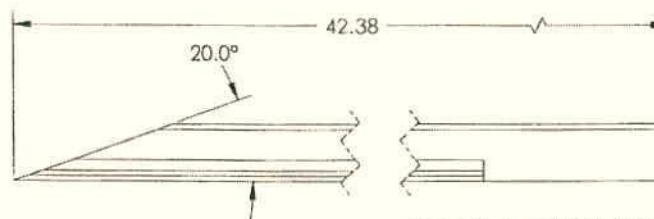
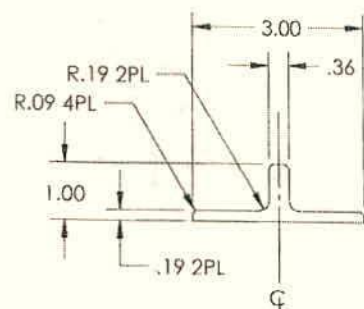
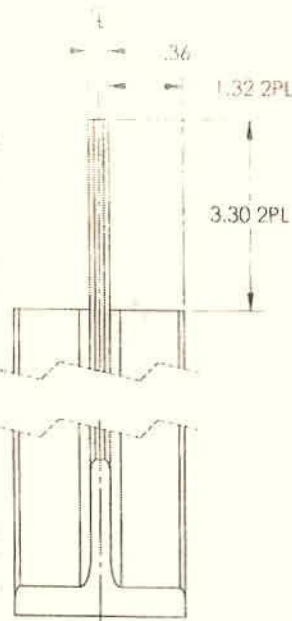
NOTES:

- 1 MATERIAL: 7075-T6 ALUMINUM PER AMS-QQ-A-225/9 OR AMS-QQ-A-250/12
- 2 FINISH: HARD ANODIZE IAW MIL-A-8625 TYPE III CLASS 2, COLOR BLACK; CARDINAL 4860-50 PRETREATMENT PRIMER; PRIME IAW MIL-P-23377J TYPE I CLASS N
- 3. DEBURR AND BREAK ALL SHARP EDGES
- 4. IDENTIFY IAW MPP-120

| | | | | | | |
|---|----|-------------|-----|---|--|---------------|
| F/N | TC | PART NUMBER | QTY | DESCRIPTION | MATERIAL | SPECIFICATION |
| DOCUMENTS EFFECTED: | | | | | | |
| <input type="checkbox"/> MDL <input type="checkbox"/> INSTALL INSTRUC <input type="checkbox"/> ICA <input type="checkbox"/> BOM | | | | CHANGE CATEGORY <input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> MINOR | DER REVIEW REQUIRED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | |

N^o 175

2. MATERIAL: 7075 T6 ALUMINUM PER AMS QQ-A-225/9
3. FINISH: HARD ANODIZE IAW MIL-A-8625 TYPE III CLASS 2.
COLOR BLACK; CARDINAL 4860-50 PRETREATMENT PRIMER.
PRIME IAW MIL P-23377J TYPE I CLASS N
4. DEBURR AND BREAK ALL SHARP EDGES
5. IDENTIFY IAW MPP-120



646.2910

UNINCORPORATED ECN(S)

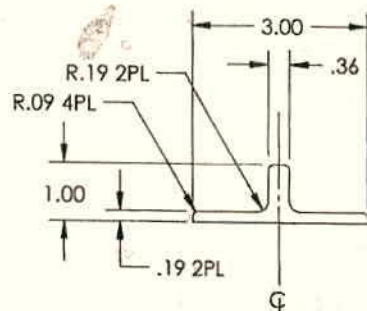
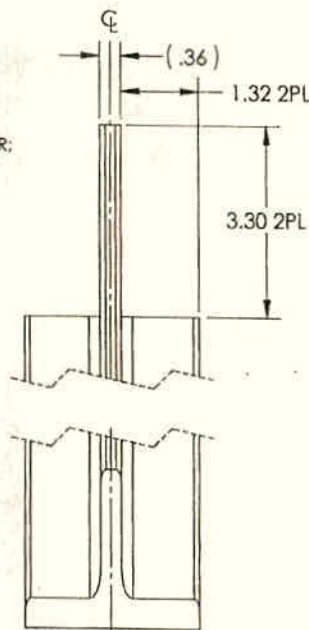
03207, 03694

| | | | | | |
|---------------|--|----------|---------------|---|---|
| | | 646.2910 | DEFLECTOR |  |  |
| | FIND # | PART # | DESCRIPTION | MATL | SPEC |
| QTY | | | PARTS LIST | | |
| NEXT ASSY (S) | | | | | |
| 646.4000 | | | | | |
| | ORIGINAL DATE: DA 10-01-00 DATE OF REV: DA 10-01-00 DRAWN BY: JCE/CF CHECKED BY: JBA-00 REVISION: APPROVAL DATE: 10-01-00 CONTRACT NO. | | | | |
| | SPECIAL COMMENTS SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE FRACTIONS DECIMALS SURFACE FINISHES FINISHES MATERIALS FINISHES | | | | |
| | | | REV: 00000000 | QTY: 646.2900 | REV: 00000000 |
| | | | SCALE: NONE | SHEET: 1 OF 1 | |

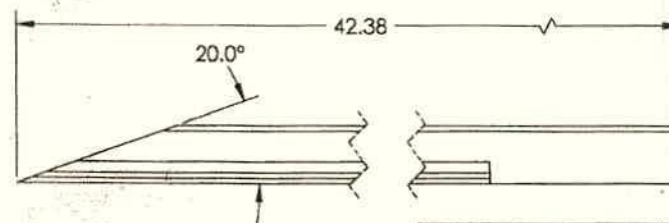
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF APICAL INDUSTRIES AND REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF APICAL INDUSTRIES IS PROHIBITED.

NOTES:

- 1 MATERIAL: 7075-T6 ALUMINUM PER AMS-QQ-A-225/9
- 2 FINISH: HARD ANODIZE IAW MIL-A-8625 TYPE III CLASS 2. COLOR BLACK; CARDINAL 4860-50 PRETREATMENT PRIMER; PRIME IAW MIL-P-23377J TYPE I CLASS N
3. DEBURR AND BREAK ALL SHARP EDGES
4. IDENTIFY IAW MPP-120



646.2910



UNINCORPORATED ECN(S)

03207, 031094,

| 646.2910 | | DEFLECTOR | | △ | △ |
|--|------------|-------------|---|-----------|--------------|
| FIND # | PART # | DESCRIPTION | MATL | SPEC. | |
| PARTS LIST | | | | | |
| QTY | CHGAL DATE | DATE OF CHG | APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300 | | |
| NEXT ASSY (S) | BY | BY | | | |
| 646.4000 | S. HOFF | P. BRAYO | DEFLECTOR | | |
| | | | | | |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 1 PLACE DECIMALS ±.010 2 PLACE DECIMALS ±.005 ANGLES 1° | | | 1ST CHGAL CODE | CHGAL NO. | REV. |
| | | | 8 | 07M26 | 646.2900 |
| | | | SCALE: NONE | | SHEET 1 OF 1 |



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO19717

Purchase Order Date 4/26/2013

PO Print Date 5/17/2013

Page Number 1 of 2

Order From :

VC-ATG001

A.T.G. INDUSTRIES INC.
731 INDUSTRIELLE ROAD
ROCKLAND, ON K4K 1T2
CANADA

Contact Name

Vendor Phone

613-446-4544

Vendor Fax

613-446-4556

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

10127-2607

Tax Resale Nbr

Net 30

Terms

Currency

CAD

FOB

Destination-Collect

Ship To :

DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

REVISED \$

| Line Nbr | Reference Revision ID Vendor Part Number | Description/ Mfg ID | Req Date/ Taxable | Req Qty/ Unit of Measure | Ship Method | Unit Price | Extended Price |
|----------|--|------------------------|---|-----------------------------|------------------|------------|-------------------|
| 1 | 99669 | 646.3110 CHANNEL | 5/6/2013 Yes | 10.00 | FedEx PI collect | \$9.7625 | \$97.63 |
| | | Special Inst: | FINISH BLACK ANODIZE PER IAW MIL- A-8625 TYPE III, CLASS 2, COLOR BLACK FINISH: PRIME AS PER IAW MIL-P- 23377J TYPE I CLASS N | | | | |
| 2 | 99591 | 646.3717 DOUBLER | 5/6/2013 Yes | 12.00 | FedEx PI collect | \$6.6400 | \$79.68 |
| | | Special Inst: | FINISH BLACK ANODIZE PER IAW MIL- A-8625 TYPE III, CLASS 2, COLOR BLACK FINISH: PRIME AS PER IAW MIL-P- 23377J TYPE I CLASS N | | | | |
| 3 | 100122 | 646.2910 DEFLECTOR | 5/6/2013 Yes | 20.00 | FedEx PI collect | \$9.7625 | \$195.25 |

No substitution or deviation without
consent.

Certificate of Conformity or Material
Certification required **YES** NO

Change Nbr:

4

Change Date: 5/17/2013



A.T.G. Industries Inc.
731, rue Industrielle Rd.
PLATING DEPARTMENT
Rockland, On K4K 1T2
Canada
Ph: (613) 446-4544
Fax: (613) 446-4556

Pack List

Number: 62399

Date: 24-May-13

To

DART AEROSPACE LTD
1270 ABERDEEN ST.
HAWKESBURY, ON K6A 1K7
Canada

Ship To


DART AEROSPACE LTD
1270 ABERDEEN ST.
HAWKESBURY, ON K6A 1K7
Canada

Ph: 613-632-5200

Fax: 613-632-1185

Ph: 613-632-5200

Fax: 613-632-1185

| Terms | | Ship Via | |
|---|--|----------|-------|
| Quantity | Description | Rev: | Line: |
| 6 ea | Part: 646.2910 HARD ANODIZE BLACK MIL-A-8625 TYPE III CLASS 2 PRIMER MIL-P-23377J TYPE I CLASS N Job: 20130307 PO: 19717 | | |
| <p align="center">Certificate of Conformance</p> <p>A.T.G. Industries certifies that all items in this shipment are in conformance with all requirements, specifications and drawings referenced in the purchase order.</p> <p align="center">ISO 9001 : 2008 REGISTERED ATG SALES-2010 TERMS APPLY</p> <p>DATE: <u>24/5/13</u></p> <p>CERTIFIED SIGNATURE: <u></u></p> <p>RECEIVER SIGNATURE: _____</p> | | | |